

CONTENTS

Editorial

SCIENTIFIC CREATIVITY IN SCIENCE EDUCATION Jongwon Park	144
--	-----

Articles

DEVELOPMENT AND APPLICATION OF A TWO-TIER DIAGNOSTIC TEST TO ASSESS SECONDARY STUDENTS’ UNDERSTANDING OF CHEMICAL EQUILIBRIUM CONCEPTS Huseyin Akkus, Hakki Kadayifci, Basri Atasoy.	146
ENHANCING MENDELIAN GENETICS CONCEPTS USING A GUIDED COMPUTER-MEDIATED INQUIRY Mustafa Cakir	156
THE USE OF COOPERATIVE LEARNING IN DISPELLING STUDENT MISCONCEPTIONS ON CLIMATE CHANGE Evangelos Manolas, Walter Leal Filho	168
PRE-SERVICE PHYSICS TEACHERS’ CONCEPT MAPS REPRESENTING RELATIONAL STRUCTURE OF PHYSICS CONCEPTS Maija Nousiainen, Ismo T. Koponen	183
SCIENTIFIC RESEARCH ACTIVITY EVALUATION: LITHUANIAN UPPER SECONDARY SCHOOL STUDENTS’ POSITION Vincentas Lamanauskas, Dalia Augiene	195

Information

INFORMATION FOR CONTRIBUTORS	209
PROBLEMS OF MANAGEMENT IN THE 21ST CENTURY	210
PROBLEMS OF EDUCATION IN THE 21ST CENTURY	211